

JARGY CO., LTD.

Test Report

Model : [CBL-D302MBSWB-20m](#)

Ver : 1.0

Date : 2018/4/9

Camera Brand Name : [IDS](#)

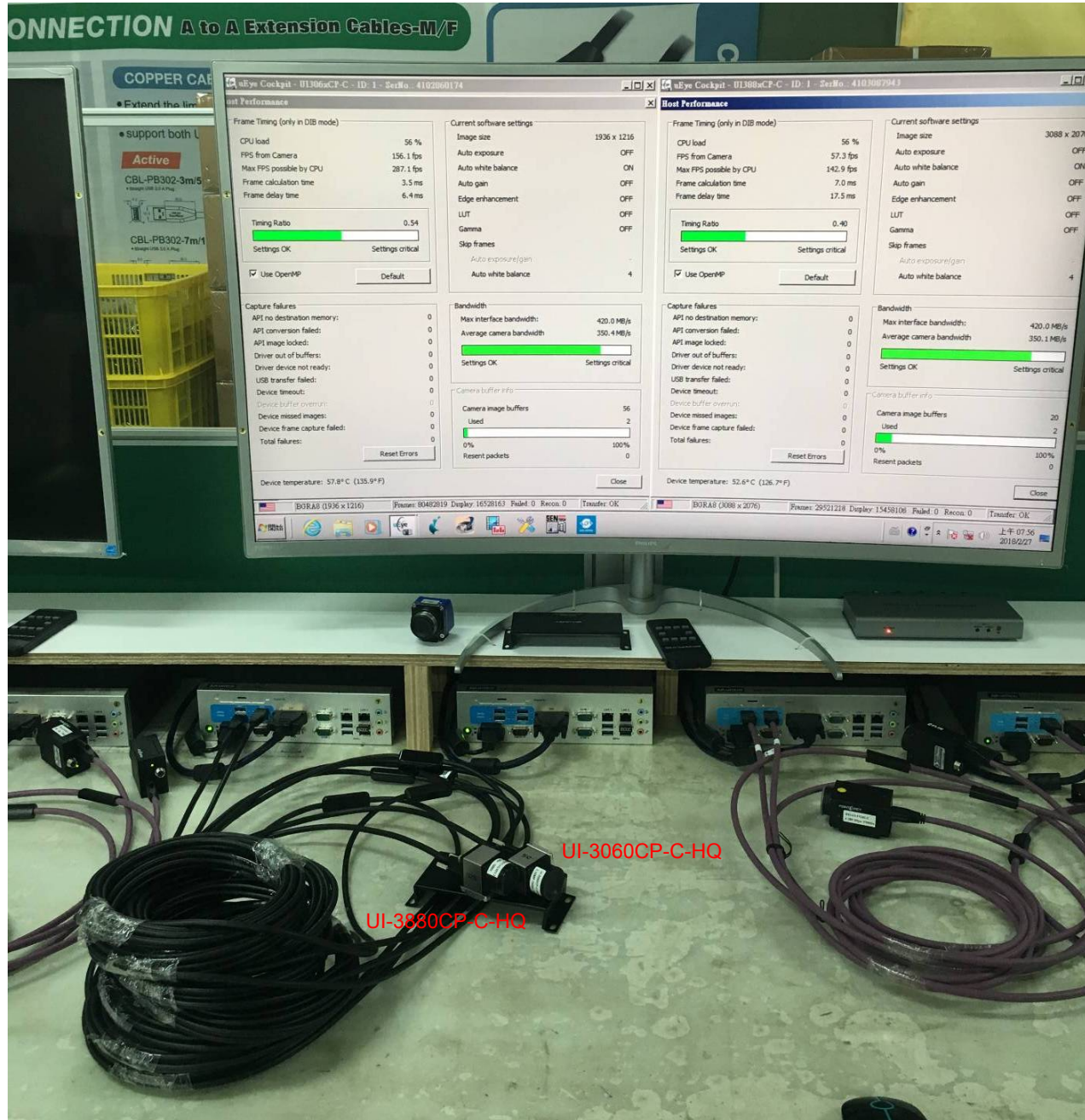
Test Platform

| | | | |
|-------------------------|--|--|--|
| Type | USB3 CAM Control System | | |
| Model | Advantech AIIS-1440 | | |
| OS | Windows 7 Pro 64-bit | | |
| CPU | Intel Core i7-3770 | | |
| HDD | SATA III 500GB | | |
| RAM | DDR3 16GB | | |
| USB 3.0 | Dedicated controller 4 Ports (uPD720202) | | |

| | | | |
|--|--|--|--|
| | | | |
| | | | |

Tested Camera : [UI-3060CP-C-HQ](#) (1936 x 1216, 2.23MP, 166fps, 372MB/s) + [UI-3880CP-C-HQ](#)(3088 x 2076, 6.4MP, 58fps, 358MB/s)

Tested time : [135h](#)



uEye Cockpit - UI306xC - ID: 1 - SerNo.: 4103071131

Host Performance **UI-3060CP-C-HQ**

Frame Timing (only in DIB mode)

| | |
|-------------------------|-----------|
| CPU load | 57 % |
| FPS from Camera | 156.1 fps |
| Max FPS possible by CPU | 281.7 fps |
| Frame calculation time | 3.6 ms |
| Frame delay time | 6.4 ms |

Timing Ratio: 0.55

Settings OK Settings critical

Use OpenMP Default

Current software settings

| | |
|--------------------|-------------|
| Image size | 1936 x 1216 |
| Auto exposure | OFF |
| Auto white balance | ON |
| Auto gain | OFF |
| Edge enhancement | OFF |
| LUT | OFF |
| Gamma | OFF |
| Skip frames | - |
| Auto exposure/gain | - |
| Auto white balance | 4 |

Capture failures

| | |
|------------------------------|---|
| API no destination memory: | 0 |
| API conversion failed: | 0 |
| API image locked: | 0 |
| Driver out of buffers: | 0 |
| Driver device not ready: | 0 |
| USB transfer failed: | 0 |
| Device timeout: | 0 |
| Device buffer overrun: | 0 |
| Device missed images: | 0 |
| Device frame capture failed: | 0 |
| Total failures: | 0 |

Reset Errors

Bandwidth

| | |
|--------------------------|------------|
| Max interface bandwidth: | 420.0 MB/s |
| Average camera bandwidth | 350.4 MB/s |

Settings OK Settings critical

Camera buffer info

| | |
|----------------------|------|
| Camera image buffers | 56 |
| Used | 2 |
| 0% | 100% |
| Resent packets | 0 |

Device temperature: 65.8° C (150.5° F) Close

uEye Cockpit - UI388xC - ID: 1 - SerNo.: 4103087943

Performance **UI-3880CP-C-HQ**

Frame Timing (only in DIB mode)

| | |
|-------------------------|-----------|
| CPU load | 56 % |
| FPS from Camera | 57.3 fps |
| Max FPS possible by CPU | 136.1 fps |
| Frame calculation time | 7.3 ms |
| Frame delay time | 17.4 ms |

Timing Ratio: 0.42

Settings OK Settings critical

Use OpenMP Default

Current software settings

| | |
|--------------------|-------------|
| Image size | 3088 x 2076 |
| Auto exposure | OFF |
| Auto white balance | ON |
| Auto gain | OFF |
| Edge enhancement | OFF |
| LUT | OFF |
| Gamma | OFF |
| Skip frames | - |
| Auto exposure/gain | - |
| Auto white balance | 4 |

Capture failures

| | |
|------------------------------|---|
| API no destination memory: | 0 |
| API conversion failed: | 0 |
| API image locked: | 0 |
| Driver out of buffers: | 0 |
| Driver device not ready: | 0 |
| USB transfer failed: | 0 |
| Device timeout: | 0 |
| Device buffer overrun: | 0 |
| Device missed images: | 0 |
| Device frame capture failed: | 0 |
| Total failures: | 0 |

Reset Errors

Bandwidth

| | |
|--------------------------|------------|
| Max interface bandwidth: | 420.0 MB/s |
| Average camera bandwidth | 350.4 MB/s |

Settings OK Settings critical

Camera buffer info

| | |
|----------------------|------|
| Camera image buffers | 20 |
| Used | 1 |
| 0% | 100% |
| Resent packets | 0 |

Device temperature: 58.2° C (136.7° F) Close

Windows taskbar showing system tray with icons for Start, Internet Explorer, uEye, and system clock (上午 08:14 2018/4/9).

Taskbar status: BGRA8 (1936 x 1216) | Frames: 76003973 | Display: 15608052 | Failed: 0 | Recon: 0 | Transfer: OK

Taskbar status: BGRA8 (3088 x 2076) | Frames: 27911264 | Display: 14509039 | Failed: 0 | Recon: 0 | Transfer: OK